Claims:

1. A computer enclosure comprising:

a chassis comprising a bottom plate and a front plate;

a mounting apparatus fixedly mounted to the front plate, the mounting apparatus comprising a first bracket for receiving a plurality of disk drives therein and a fixed plate depending from one side of the first bracket; and

a movable plate detachably attached to the front plate and opposite to the fixed plate, the movable plate comprising a first flange and a second flange at two opposite ends thereof securing to the bottom plate and the first bracket respectively;

wherein the fixed plate and the movable plate cooperatively form a second bracket for receiving a plurality of disk drives therein.

2. The computer enclosure as claimed in claim 1, wherein the chassis further comprises a side plate and a top plate, and the top plate and the bottom plate extend perpendicularly from the side plate in a same direction, and the first bracket is fixed at respective ends of the top plate, the bottom plate and the side plate.

3. The computer enclosure as claimed in claim 2, wherein the first bracket comprises a bottom panel, a first side panel and a second side panel parallel to the first side panel, the bottom panel extends integrally from a bottom end of the first side panel and is secured with a bottom end of the second side panel by a fastener, the fixed plate integrally depends from a side of the bottom panel and is perpendicular to the front plate, and the second side panel is stamped perpendicularly from the front plate.

4. The computer enclosure as claimed in claim 3, wherein the movable plate comprises a main body, the first flange and the second flange extend perpendicularly from the bottom portion and the top portion in opposite directions, and a third flange extends perpendicularly from the main body between the first flange and the second flange at an end thereof.
5. The computer enclosure as claimed in claim 4, wherein a plurality of vertically aligned receiving openings is defined in a side of the front plate below the second side panel, and a plurality of tabs extends from the third flange of the movable plate, the tabs inserting into corresponding receiving openings such that the movable plate can rotate about the tabs.
6. The computer enclosure as claimed in claim 5, wherein two protrusions are stamped from a portion of the bottom plate distal from the side plate, thereby defining two cavities, and two inserting tabs are respectively formed at two ends of the first flange of the movable plate for inserting into the cavities of the bottom plate correspondingly.
7. The computer enclosure as claimed in claim 4, wherein a first locking hole is defined in the bottom plate, a first resilient tab is formed from the first flange corresponding to the first locking hole, a first locking tab is stamped outwardly from the first resilient tab for engaging in the first locking hole and thereby attaching the first flange to the bottom plate.
8. The computer enclosure as claimed in claim 7, wherein the bottom panel comprises a bar connecting with the second side panel, the bar defines a second locking hole, a second resilient tab is formed from the second flange of the movable plate, and a second locking tab is formed on the second resilient tab

for engaging in the second locking hole to thereby attach the second flange to the bar.

9. The computer enclosure as claimed in claim 5, wherein a first securing tab is stamped perpendicularly upwardly from the bottom plate, the first securing tab defines a first securing hole therein, a second securing tab is stamped perpendicularly upwardly from the first flange of the movable plate corresponding to the first securing tab, the second securing tab defines a second securing hole, and the second securing tab aligns with the first securing hole for extension of a fastener therethrough to thereby attach the first flange to the bottom plate.

10. The computer enclosure as claimed in claim 9, wherein the second side panel defines a first fastening hole, and a securing flange extends perpendicularly outwardly from a distal end of the second flange, the securing flange defines a second fastening hole, and the second fastening hole is aligned with the first fastening hole for extension of a fastener therethrough to thereby attach the securing flange to the first bracket.

11. The computer enclosure as claimed in claim 5, wherein a plurality of vertically aligned first supporting tabs is stamped inwardly from the fixed plate, a first receiving section is defined between each two adjacent first supporting tabs, a plurality of second supporting tabs is stamped inwardly from the main body corresponding to the first supporting tabs, and a second receiving section is defined between each two adjacent second supporting tabs cooperating with a corresponding first receiving section to receive a respective disk drive therebetween.

12. The computer enclosure as claimed in claim 11, wherein two positioning pins are stamped inwardly from the fixed plate generally between each of two adjoining first supporting tabs for insertion into apertures of a side wall of the respective disk drive, a front one of the positioning pins being oriented vertically, and a rear one of the positioning pins being oriented horizontally.

13. A computer enclosure for securing a plurality of disk drives each defining apertures in a side wall thereof, the computer enclosure comprising:

a chassis comprising a front plate;

a mounting apparatus mounted to the front plate, the mounting apparatus comprising a first bracket for receiving some of the plurality of disk drives and a fixed plate integrally formed with the first bracket and fixed to the chassis, a plurality of first supporting tabs being stamped from the fixed plate; and

a movable plate detachably attached to the chassis and parallel to the fixed plate, the movable plate and the fixed plate cooperatively forming a second bracket therebetween, the movable plate comprising a plurality of second supporting tabs cooperating with the first supporting tabs to support said disk drives in the second bracket.

14. The computer enclosure as claimed in claim 13, wherein the first bracket comprises a bottom panel, a first side panel and a second side panel parallel to the first side panel, and the bottom panel extends integrally from a bottom end of the first side panel and is secured with a bottom end of the second side panel by a fastener, the fixed plate extends perpendicularly from an end of the bottom

panel and is parallel to the first side panel, and the second side panel is stamped perpendicularly from the front plate.

15. The computer enclosure as claimed in claim 14, wherein the movable plate comprises a main body, a first flange extending perpendicularly from a bottom end of the main body for attaching to the chassis, a second flange extending perpendicularly from a top end of the main body in a direction opposite to that of the first flange for attaching to the second side panel, and a third flange extending perpendicularly outwardly from the main body between the first flange and the second flange.

16. The computer enclosure as claimed in claim 15, wherein the chassis further comprises a bottom plate, bottom plate defines a first locking hole, a first resilient tab is formed from the first flange corresponding to the first locking hole, and a first locking tab is stamped outwardly from the first resilient tab for engaging in the first locking hole to attach the first flange to the bottom plate.

17. The computer enclosure as claimed in claim 16, wherein the bottom panel comprises a bar connecting with the second side panel, the bar defines a second locking hole, a second resilient tab is formed from the second flange of the movable plate corresponding to the bar, and a second locking tab is formed in the second resilient tab for engaging in the second locking hole to attach the second flange to the bar.

18. The computer enclosure as claimed in claim 15, wherein a first securing tab is stamped perpendicularly upwardly from the bottom plate, the first securing tab defines a first securing hole, a second securing tab is stamped perpendicularly from the first flange of the movable plate corresponding to the first securing tab,

and the second securing tab defines a second securing hole aligned with the first securing hole, whereby a fastener can be inserted through the first securing hole and the second securing hole to attach the first flange to the bottom plate.

19. The computer enclosure as claimed in claim 18, wherein the second side panel defines a first fastening hole, a securing flange extends perpendicularly outwardly from a distal end of the second flange, the securing flange defines a second fastening hole aligned with the first fastening hole, whereby a fastener can be inserted through the first fastening hole and the second fastening hole to attach the securing flange to the first bracket.

20. The computer enclosure as claimed in claim 15, wherein the front plate defines a plurality of receiving openings below the second side panel, and a plurality of tabs extends from the third flange of the movable plate, the tabs inserting into corresponding receiving openings such that the movable plate can rotate about the tabs.

21. A computer enclosure comprising:

a chassis defining a front plate and opposite top and bottom plates;

a mounting apparatus for receiving disk drives therein, located right behind the front plate and between the top and bottom plates, said mounting apparatus including:

a first bracket located adjacent to the top plate, said first bracket being self-equipped with two opposite side faces and a bottom face perpendicular to said side faces and parallel to said top and bottom plates, and

a second bracket located below said first bracket and including:

a first vertical plate integrally extending from, via a splitting process, the bottom face, in parallel to said side faces, a bottom end of said first vertical plate seated upon the bottom plate; and

a second vertical plate being discrete from said first bracket in a parallel relation therebetween after assembled, wherein

said second vertical plate defines a front edge engaged with the front plate, and

said second vertical plate is rotatable about a vertical axis, where an engagement between the second vertical plate and the front plate occurs, between a first position where said second vertical plate is not parallel to the first vertical plate, and a second position where said second vertical plate is parallel to the first vertical plate and opposite upper end and lower ends of said second vertical plate are respectively engaged with the first bracket and the bottom plate.